

Appl. No. 09/539,749
Reply Filed: April 22, 2004
Reply to Office Action of Oct. 28, 2003

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph starting with "Fig. 7A is a data flow" at page 8, line 28, with the following amended paragraph:

Fig. 7A is a data flow diagram illustrating a relationship of parts of a system for authoring and publishing a multimedia presentation. Using an editing graphical user interface (GUI) 700 described below with Fig. 7B and a layout GUI 702, described above with Fig. 6 Figs. 6A and 6B, timeline activity 704 and a layout specification 706 are defined. This data is provided to an editing manager 708 to enable viewing of the presentation during editing. The editing manager, given a point in time 722 on the timeline and optionally a playback rate 724 from the editing GUI 700, generates video data 714 and other visible data 710 for display in the editing GUI 700, in an arrangement defined by the layout specification 706, using media files 712. An example implementation of the editing manager is described below in connection Figs. 8A-F. After the author has completed creating the presentation, the publisher 718 is invoked to process the timeline 716, layout specification 706, and media file 712 to generate the published presentation 720.

Please replace the paragraph starting with "Although the table" at page 13, line 21, with the following amended paragraph:

Although the table of contents generally is a single file without time dependency, during editing it may be modified, after which the display is updated. One implementation for modifying the table of contents display will now be described in connection with Figs. 8E and 8F. In Fig. 8E, a display manager for the table of contents receives 8500 a message from the clip manager that a table of contents entry has been added to the table of contents track. The display manager requests 8502 the presentation manager for a new table of contents file. After receiving 8504 the indication of the new table of contents file, the browser component is instructed 8504 8506 to render the data file. The rendered data file is then scaled 8506 8508 for display and displayed 8508 in the window.

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Please replace the paragraph starting with "How the presentation" at page 13, line 30, with the following amended paragraph:

How the presentation manager generates a new table of contents file is described in Fig. 8F. The presentation manager receives 8600 a message requesting a new table of contents file. The presentation manager requests 8602 the table of contents track information from the clip manager. HTML data is generated 8604 for each table of contents entry. Referring to the sample table of contents file in Appendix I, a list of items is created for each entry in the table of contents track. The table of contents file is then modified 8606 with the newly generated HTML, for example, by overwriting the table of contents information in the existing table of contents file. Although the identity of the table of contents file is known by the display manager, the presentation manager may return the name of the data file to confirm completion of the generation of the table of contents.

Please replace the paragraph starting with "A graphical user interface" at page 16, line 10, with the following amended paragraph:

A graphical user interface for facilitating the publishing process described in Fig. 9 will now be described in connection with Fig. 10. A user may set profile data by selecting setup or options 1000. During set up, a profile may be recalled, created or edited, and the user may specify the file folder and server on which the presentation will be stored. In response to selection of the "do it" menu item 1002, the screen shown in Fig. 10 is displayed. First the presentation and profile data are audited as shown at 1004. After the auditing step is complete, a checkmark appears in an icon 1006. Next, encoding of the presentation may be started at 1008. A user may optionally select to preview the encoded presentation locally prior to transfer. By selecting button 1010, a preview of the presentation may be initiated. After preview, the icon 1012 includes a checkmark. During transfer, a user may select to overwrite files that have the same name on the destination server, as indicated at 1014. The user may initiate the transfer by selecting the button indicated at 1016. After completion, the icon 1018 includes a checkmark. Finally, after transfer, the user may view the presentation as transferred from the destination server by selecting button 1020.

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Please replace the paragraph starting with "Referring to Fig. 11B" at page 17, line 26, with the following amended paragraph:

Referring to Fig. 11B, an implementation using the Real Media encoder will now be described. A Real Media encoder 112 1120 issues requests 1122 for samples at a specified time. In response to these requests, a presentation processor 1124 implements the process described in Fig. 11A, and returns a sample 1126 from an event that occurs in the presentation at a time closest to and after the requested time. The response 1126 also indicates a time at which the encoder 112 1120 should request the next sample. This time is the time corresponding to the sample which was returned by the presentation processor 1124. The list of event assets created in 1102 in Fig. 11A may be sorted prior to initiating encoding with the ~~real media~~ encoder 112 1120, or may be sorted on the fly in response to requests 1122 from the ~~Real Media~~ encoder 112 1120. After the end of the presentation is reached, the encoded presentation 1128 is available.

Please replace the paragraph starting with "In addition to publishing" at page 21, line 5, with the following amended paragraph:

In addition to publishing presentations to the media server, an authoring tool may use the media server or data server as a source of content for presentations. As shown in Fig. 13, for example, the editing system 1300, and optionally the transfer system 1302, may have access to one or more streaming servers 1304. The editing system may acquire stock footage 1306 from the streaming media server 1304 or other content from a data server 1312. Such stock footage, for example, may be purchased from the entity maintaining or owning the streaming server 1304. An author may add such stock footage to the presentation. The completed presentation 1308 may be in turn published by the transfer system 1302 to the streaming media server 1304 (as indicated by presentation 13), with data files 1310 stored on a data server 1312. Tools used by other publishers and authors, as indicated at 1314, also may access the streaming server 1304 for receiving stock footage or for publishing presentations. Such authors and publishers may use a separate data server 1316 for storing nontemporal data related to the temporal data published on the streaming server 1304.